CLAIMS

What is claimed is:

A method for providing network functionality and voice over-IP services to a remote user at a deployed location, comprising:

providing an encryption module having a secure side and a non-secure side;

accessing said non-secure side of said encryption module with bulk network data;

passing said bulk network data through said encryption module to produce encrypted bulk network data;

encapsulating said encrypted bulk network data in IP packets; and

routing said encapsulated encrypted bulk network data through an Internet.

- 2. The method for providing network functionality and voiceover-IP services to a remote user at a deployed location according to claim 1, further comprising:
- 20 routing said encapsulated encrypted bulk network data to a direct one-to-one connection via a satellite.
- The method for providing network functionality and voiceover-IP services to a remote user at a deployed location according to
 claim 2, wherein:

said routing is performed with an Ethernet to ISDN router.

4. The method for providing network functionality and voiceover-IP services to a remote user at a deployed location according to claim 1, wherein:

said encryption module is a KIV-7 encryption module.

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5. The method for providing network functionality and voiceover-IP services to a remote user at a deployed location according to claim 1, wherein:

said encryption module is a KIV-21 encryption module.

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- 6. The method for providing network functionality and voiceover-IP services to a remote user at a deployed location according to claim 1, wherein:
- a voice channel is transmitted through said encryption 15 module as voice-over-IP (VoIP).
 - 7. The method for providing network functionality and voiceover-IP services to a remote user at a deployed location according to claim 6, wherein:
- two voice channels encapsulated in IP packets are transmitted through said encryption module.

8. Apparatus for providing network functionality and voiceover-IP services to a remote user at a deployed location, comprising:

encryption means for encrypting data, said encryption means including a secure side and a non-secure side;

means for accessing said non-secure side of said encryption module with bulk network data;

means for passing said bulk network data through said encryption module to produce encrypted bulk network data;

means for encapsulating said encrypted bulk network data in 10 IP packets; and

means for routing said encapsulated encrypted bulk network data through an Internet.

9. The apparatus for providing network functionality and
 15 voice-over-IP services to a remote user at a deployed location according to claim 8, further comprising:

means for routing said encapsulated encrypted bulk network data to a direct one-to-one connection via a satellite.

20 10. The apparatus for providing network functionality and voice-over-IP services to a remote user at a deployed location according to claim 9, wherein said means for routing via a satellite comprises:

an Ethernet to ISDN router.

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11. The apparatus for providing network functionality and voice-over-IP services to a remote user at a deployed location according to claim 8, wherein said encryption means comprises:

a KIV-7 encryption module.

12. The apparatus for providing network functionality and voice-over-IP services to a remote user at a deployed location according to claim 8, wherein said encryption means comprises:

a KIV-21 encryption module.

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13. The apparatus for providing network functionality and voice-over-IP services to a remote user at a deployed location according to claim 8, wherein:

said encryption means passes a voice channel as voice-10 over-IP (VoIP).

- 14. The apparatus for providing network functionality and voice-over-IP services to a remote user at a deployed location according to claim 13, wherein:
- said encrytion means passes two voice channels encapsulated in IP packets.
 - 15. A method of providing a deployable communication system, comprising:
- passing network data through a KIV type encryption device to provide bulk encrypted data;

encapsulating said bulk encrypted data in IP packets; and routing said IP encapsulated, bulk encrypted data over an Internet;

wherein said deployable communication system enables routing of secure communications via said Internet.

16. The method of providing a deployable communication system according to claim 15, wherein:

said KIV type encryption device is a KIV-7 encryption device.

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17. The method of providing a deployable communication system according to claim 15, wherein:

said KIV encryption device is a KIV-21 encryption device.

18. Apparatus for providing a deployable communication system, comprising:

means for passing network data through a KIV type encryption device to provide bulk encrypted data;

means for encapsulating said bulk encrypted data in IP packets; and

means for routing said IP encapsulated, bulk encrypted data over an Internet;

wherein said deployable communication system enables routing of secure communications via said Internet.

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19. The apparatus for providing a deployable communication system according to claim 18, wherein:

said KIV type encryption device is a KIV-7 encryption device.

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20. The apparatus for providing a deployable communication system according to claim 18, wherein:

said KIV encryption device is a KIV-21 encryption device.